

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006157.D
 Acq On : 18 Oct 2018 06:40
 Operator : VA/AP
 Sample : J5565-01
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1

Quant Time: Oct 18 10:50:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	283383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	213866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82758	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	7.89	113	75806	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
50) Toluene-d8	10.33	98	248552	39.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.04%	
62) 4-Bromofluorobenzene	12.62	95	86929	36.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.66%	

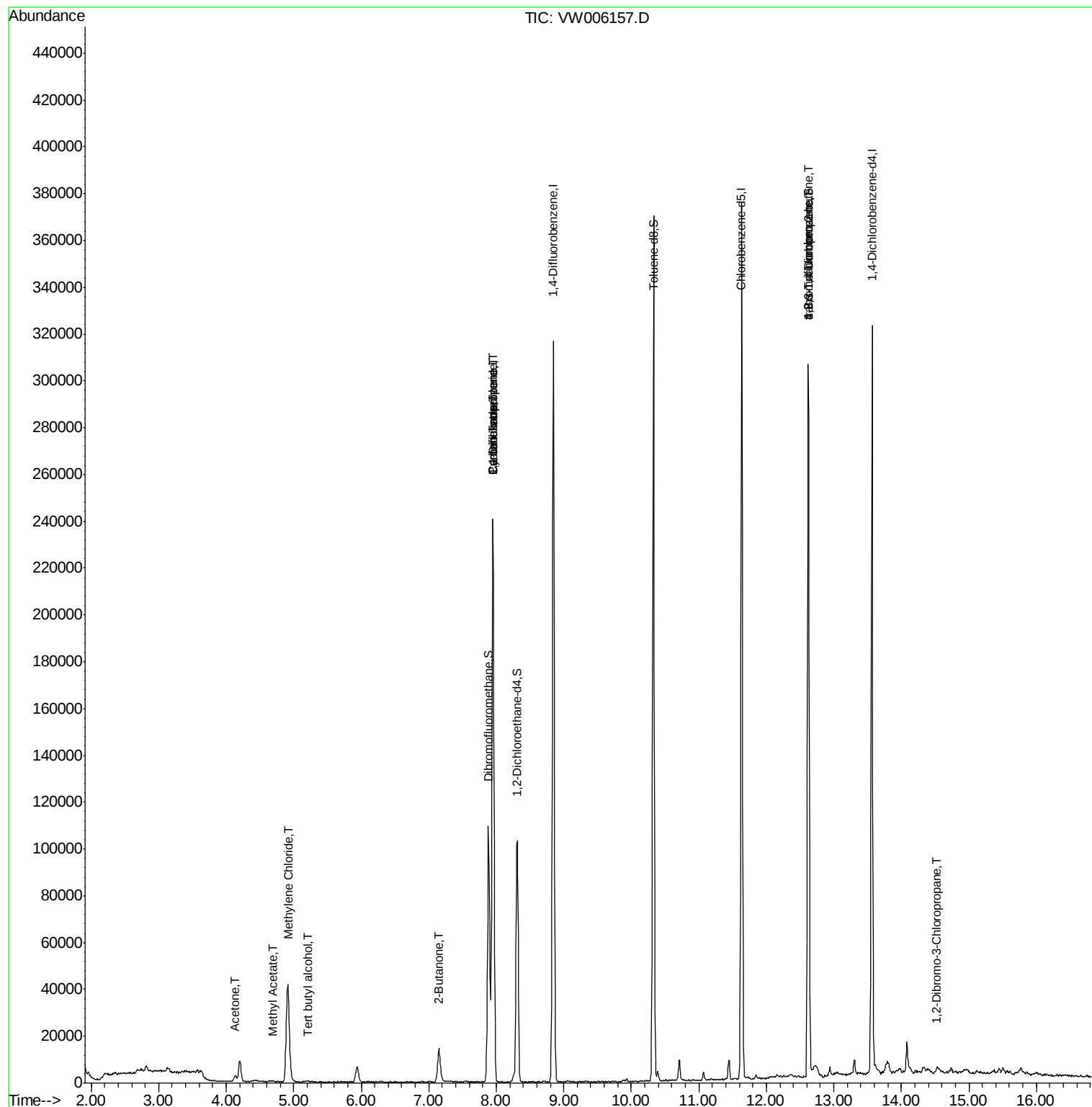
Target Compounds						Qvalue
11) Tert butyl alcohol	5.21	59	437	4.04	ug/l #	71
16) Acetone	4.13	43	4929	1.61	ug/l	92
18) Methyl Acetate	4.68	43	1031	1.27	ug/l #	54
20) Methylene Chloride	4.91	84	34615	19.32	ug/l	98
25) 2-Butanone	7.15	43	781	1.80	ug/l #	46
31) Cyclohexane	7.95	56	3474	1.18	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	12745	4.88	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17480	6.10	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	45188	66.47	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	45188	158.89	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.52	75	528	3.08	ug/l #	1

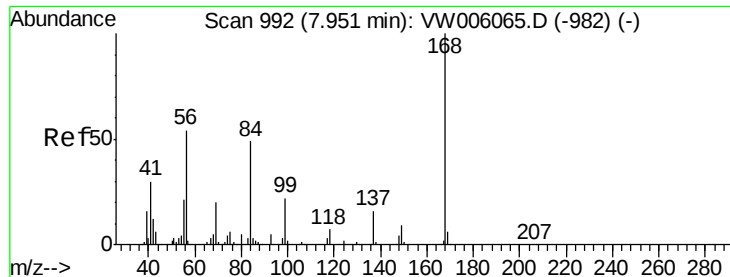
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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Quant Time: Oct 18 10:50:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

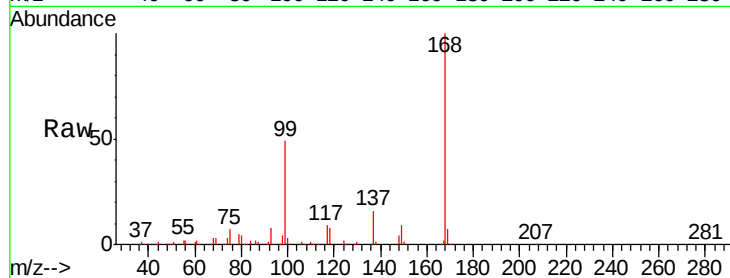
RLF-SD-1

Tgt Ion:168 Resp: 194230

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

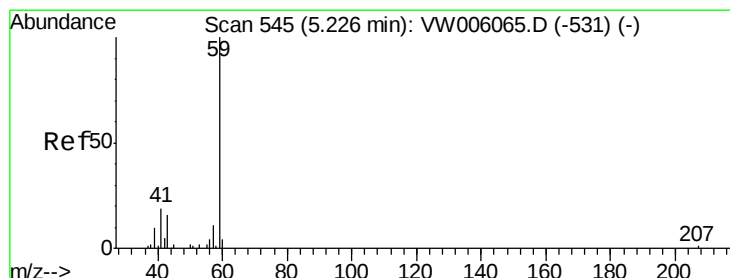
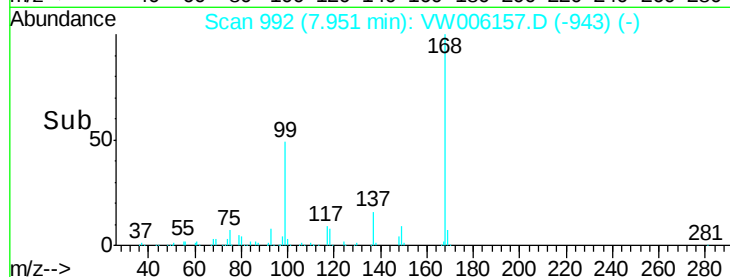
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 4.04 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW006157.D

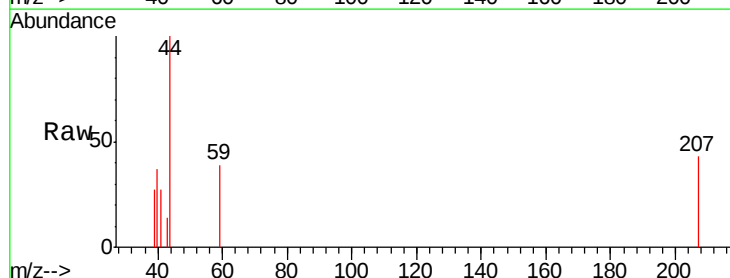
Acq: 18 Oct 2018 06:40

Tgt Ion: 59 Resp: 437

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

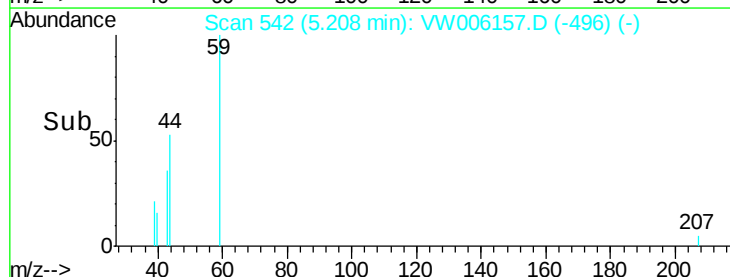
150

100

50

0

Time--> 5.15 5.20 5.25





#16

Acetone

Concen: 1.61 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

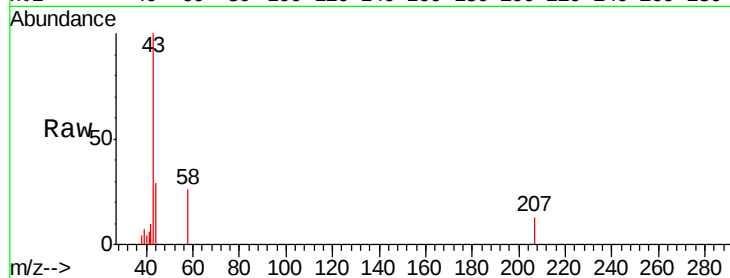
RLF-SD-1

Tgt Ion: 43 Resp: 4929

Ion Ratio Lower Upper

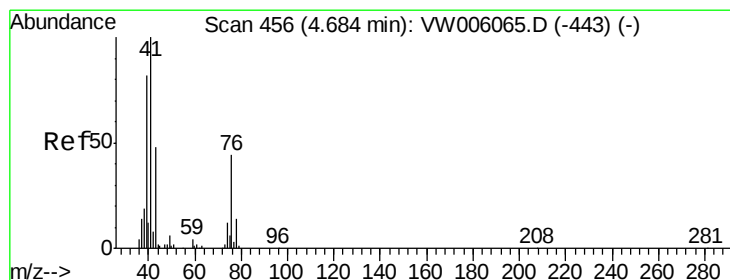
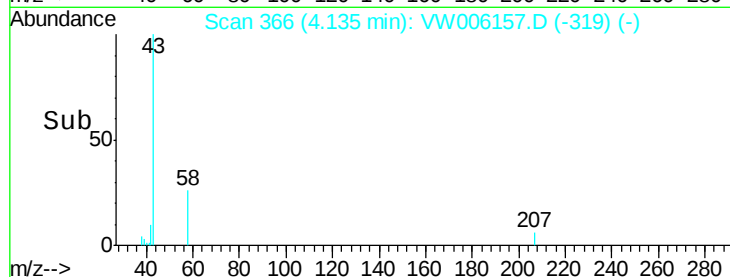
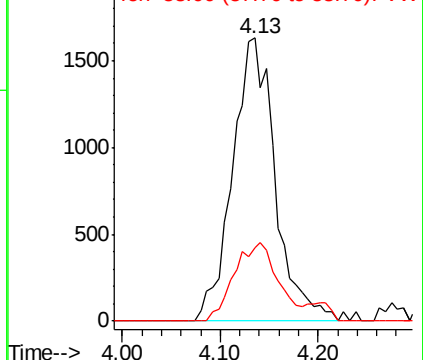
43 100

58 25.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 1.27 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006157.D

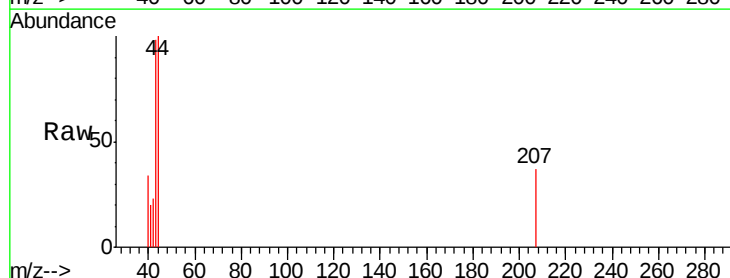
Acq: 18 Oct 2018 06:40

Tgt Ion: 43 Resp: 1031

Ion Ratio Lower Upper

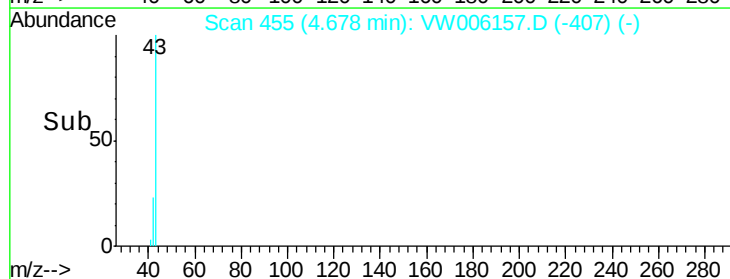
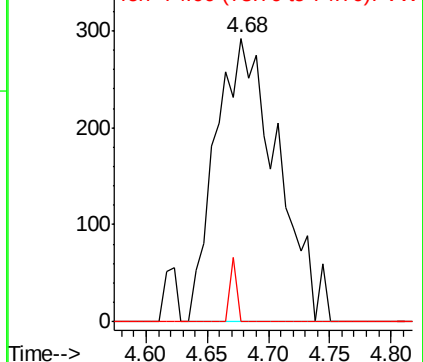
43 100

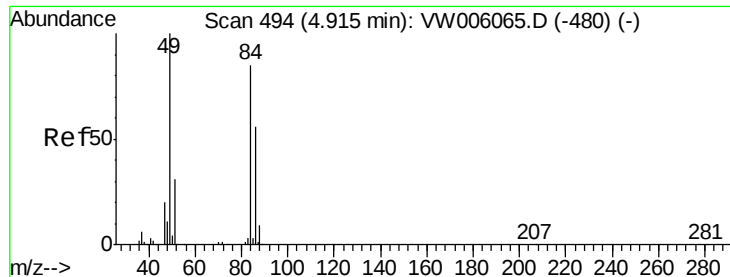
74 2.3 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

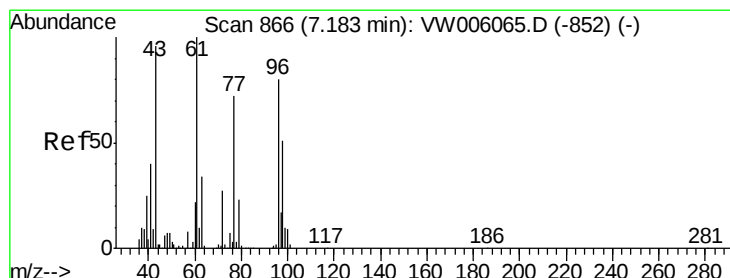
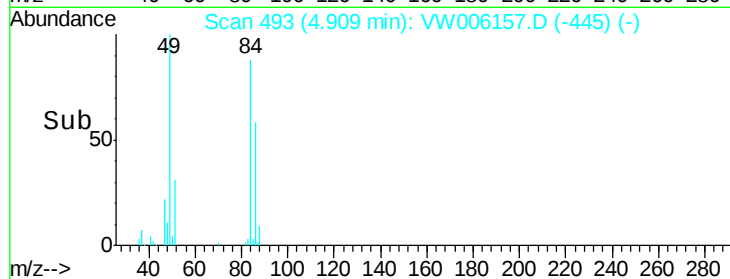
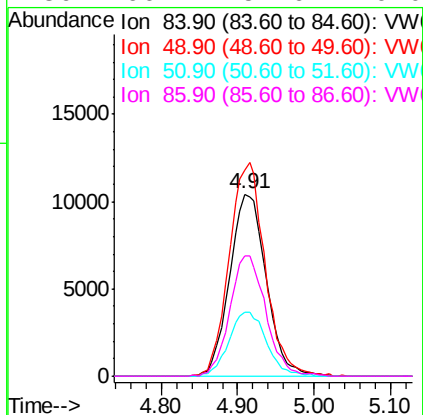
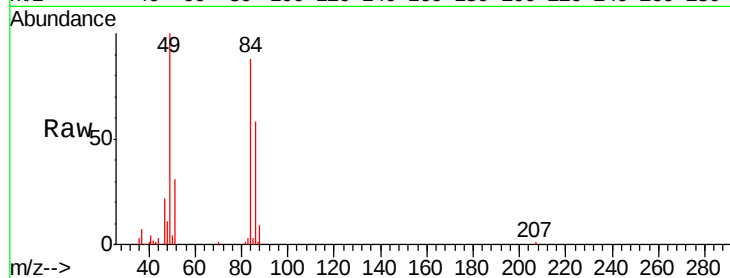




#20
Methylene Chloride
Concen: 19.32 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006157.D
Acq: 18 Oct 2018 06:40

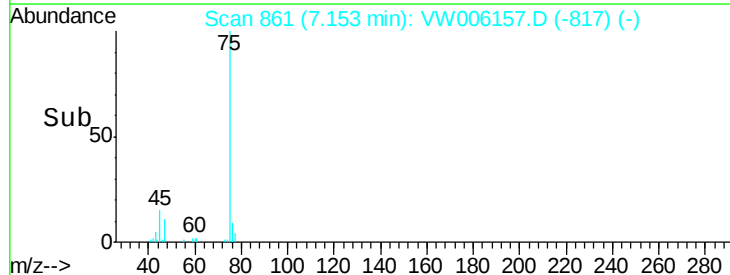
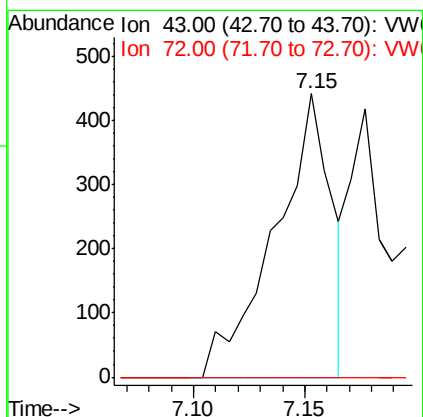
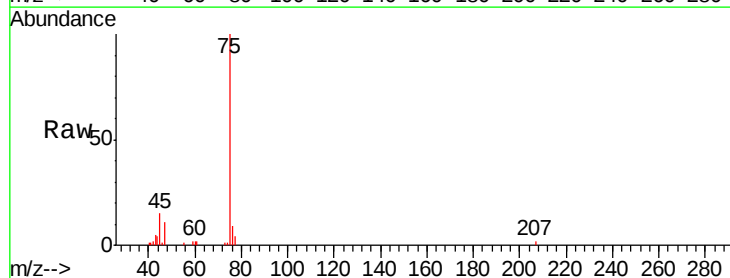
Instrument :
MSVOA_W
ClientSampled :
RLF-SD-1

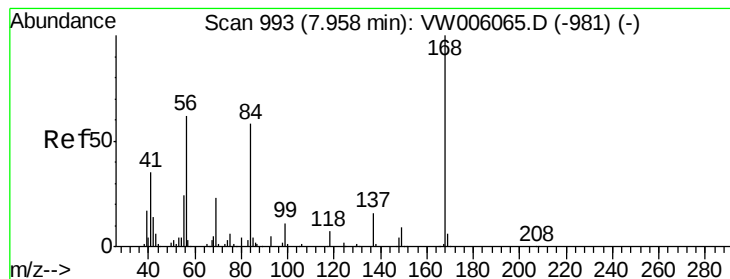
Tgt Ion:	84	Resp:	34615
Ion	Ratio	Lower	Upper
84	100		
49	113.2	93.6	140.4
51	35.4	29.0	43.4
86	66.2	52.6	79.0



#25
2-Butanone
Concen: 1.80 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006157.D
Acq: 18 Oct 2018 06:40

Tgt Ion:	43	Resp:	781
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#31

Cyclohexane

Concen: 1.18 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-1

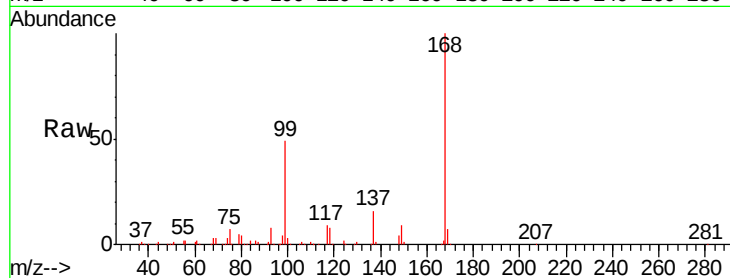
Tgt Ion: 56 Resp: 3474

Ion Ratio Lower Upper

56 100

69 144.7 29.4 44.0#

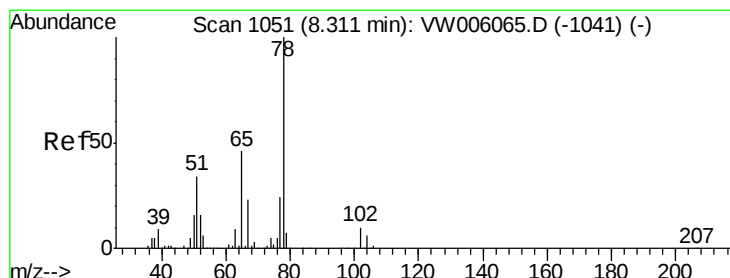
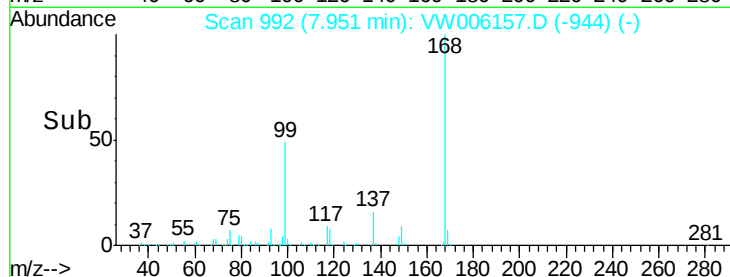
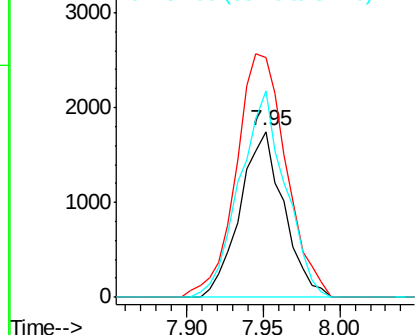
84 125.0 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.39 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006157.D

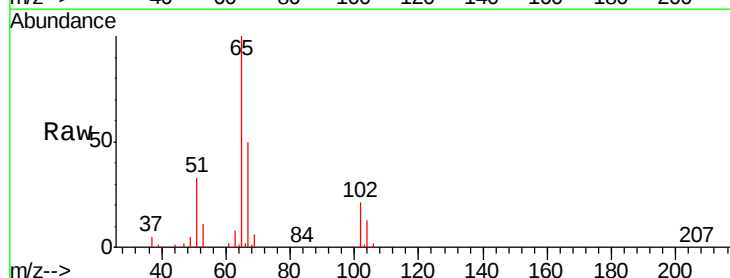
Acq: 18 Oct 2018 06:40

Tgt Ion: 65 Resp: 82758

Ion Ratio Lower Upper

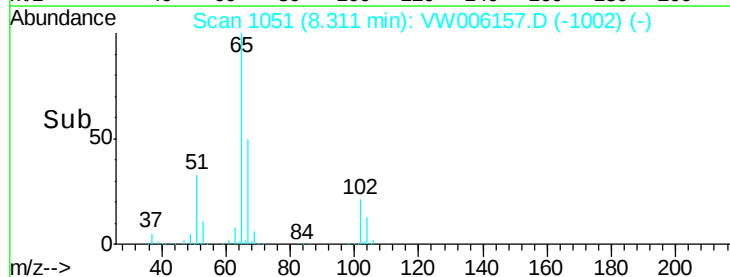
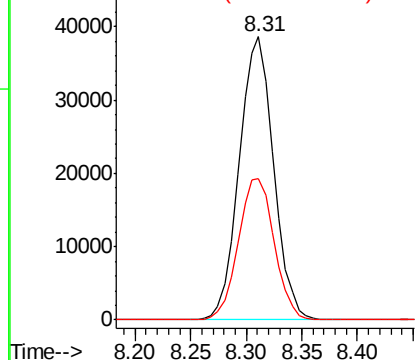
65 100

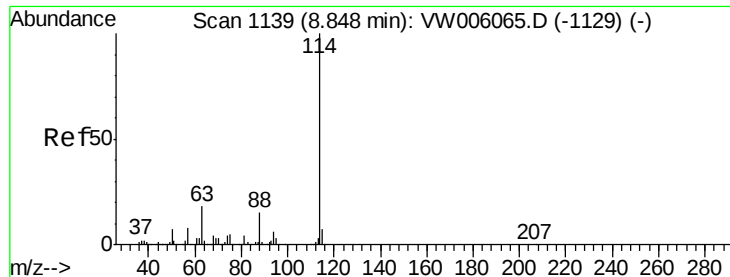
67 52.1 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

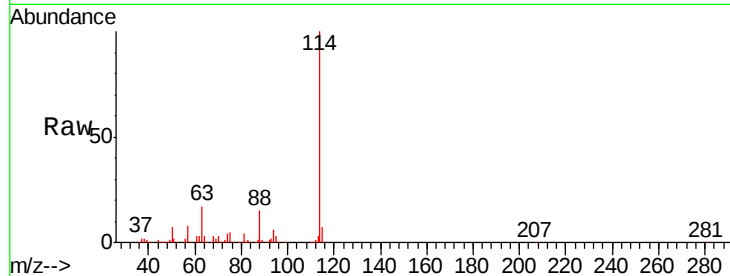




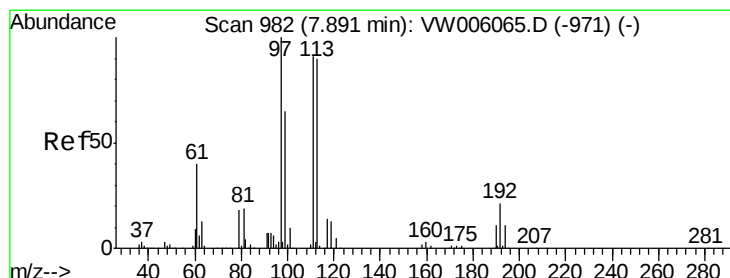
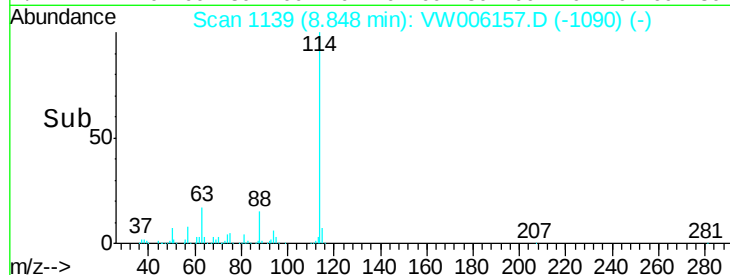
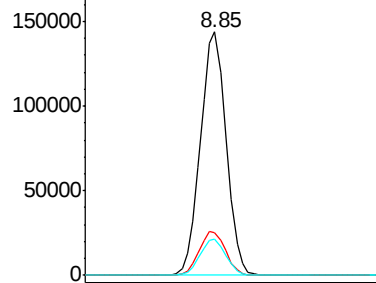
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006157.D
 Acq: 18 Oct 2018 06:40

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1

Tgt Ion:114 Resp: 283383
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.8
 88 14.7 0.0 29.0

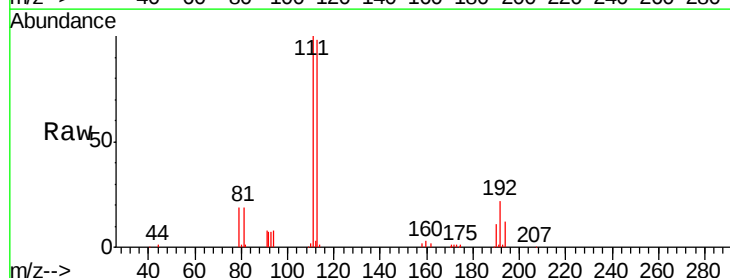


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

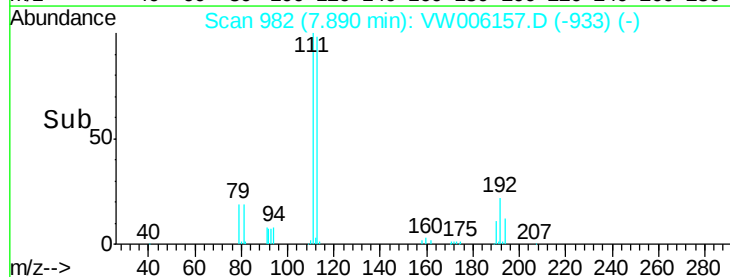
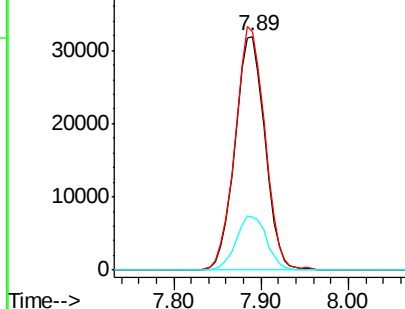


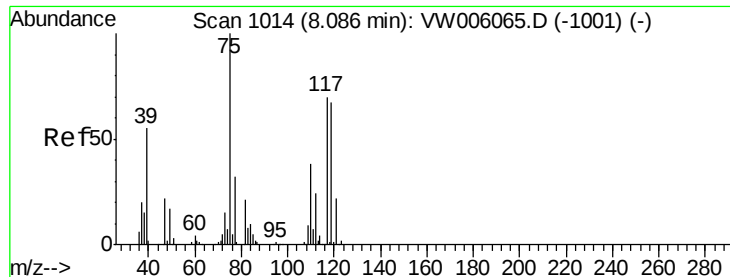
#35
 Dibromofluoromethane
 Concen: 45.27 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006157.D
 Acq: 18 Oct 2018 06:40

Tgt Ion:113 Resp: 75806
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.0
 192 23.6 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.88 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampled :

RLF-SD-1

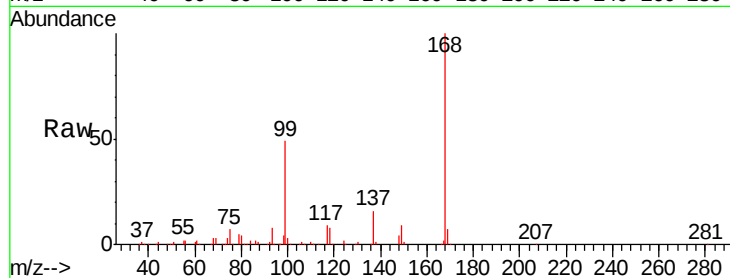
Tgt Ion: 75 Resp: 12745

Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.1#

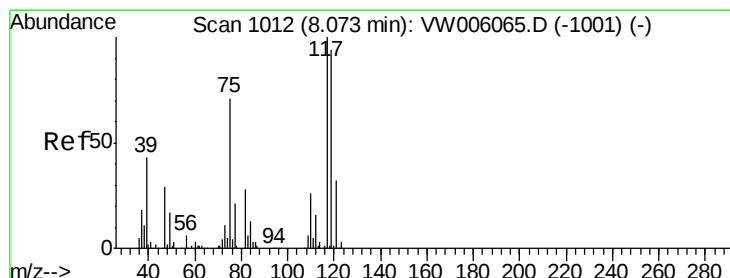
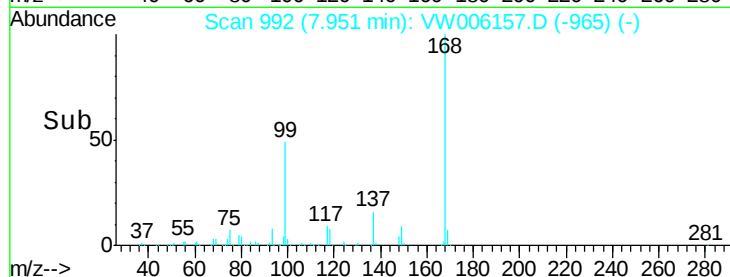
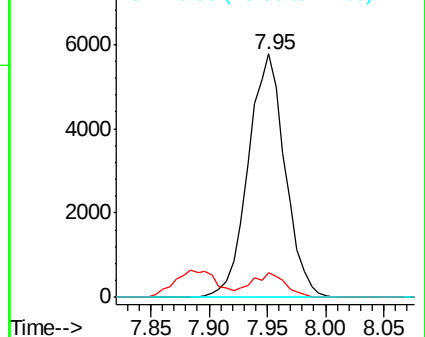
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.10 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

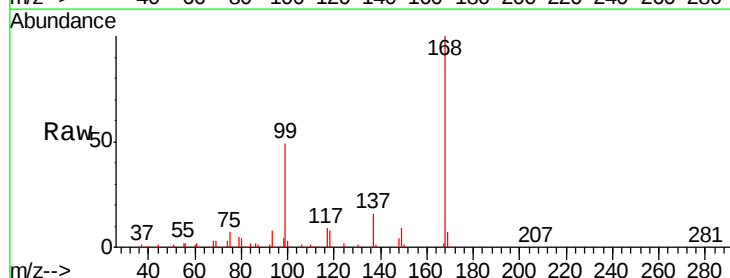
Tgt Ion: 117 Resp: 17480

Ion Ratio Lower Upper

117 100

119 5.3 75.2 112.8#

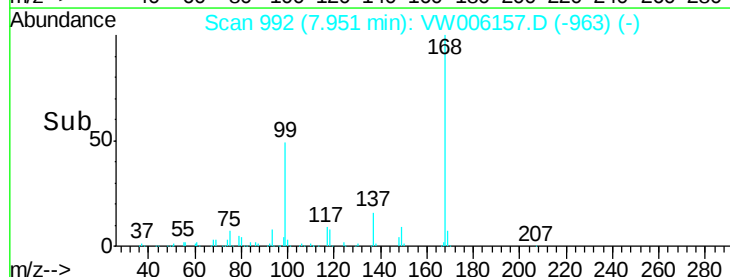
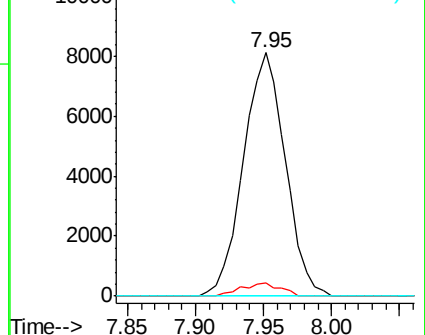
121 0.0 25.3 37.9#

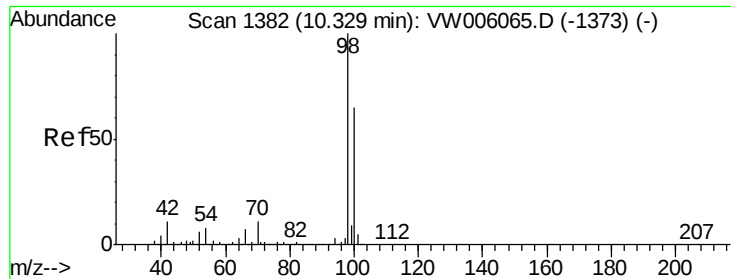


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 39.02 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

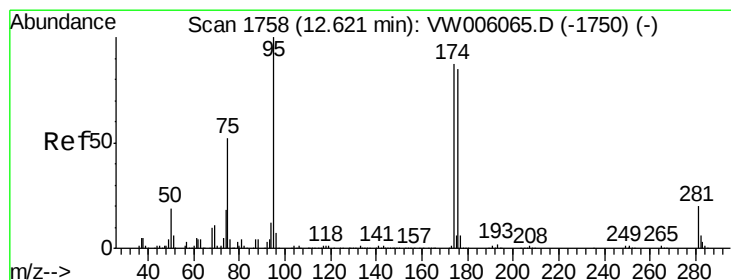
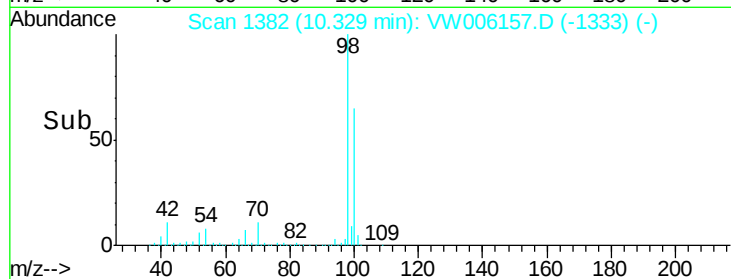
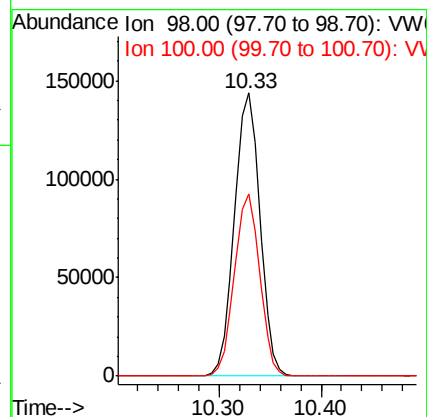
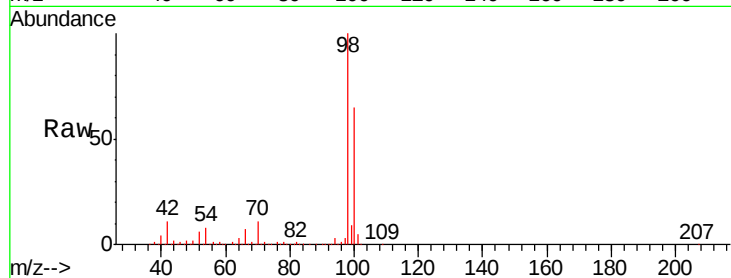
RLF-SD-1

Tgt Ion: 98 Resp: 248552

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.33 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

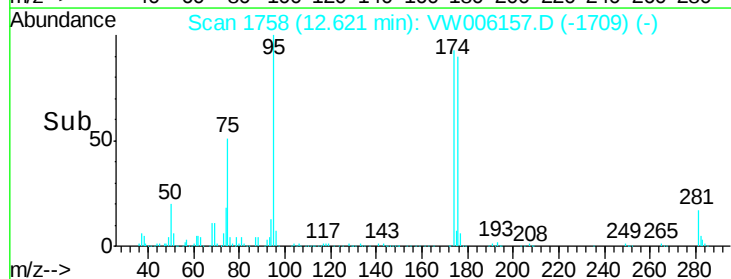
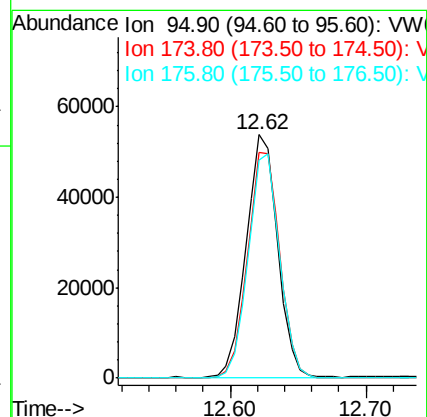
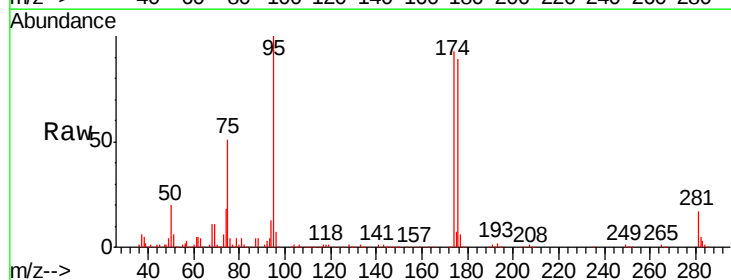
Tgt Ion: 95 Resp: 86929

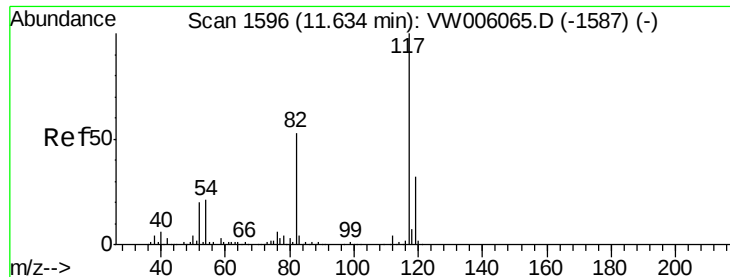
Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.0

176 92.2 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

RLF-SD-1

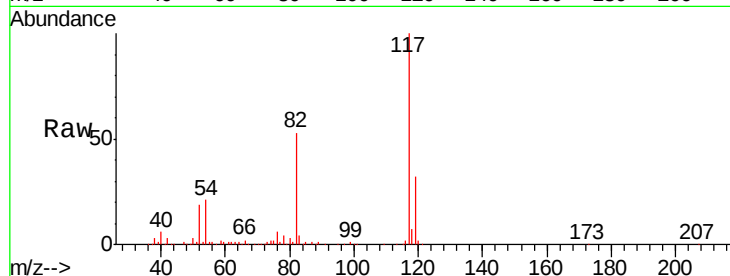
Tgt Ion:117 Resp: 213866

Ion Ratio Lower Upper

117 100

82 52.7 42.1 63.1

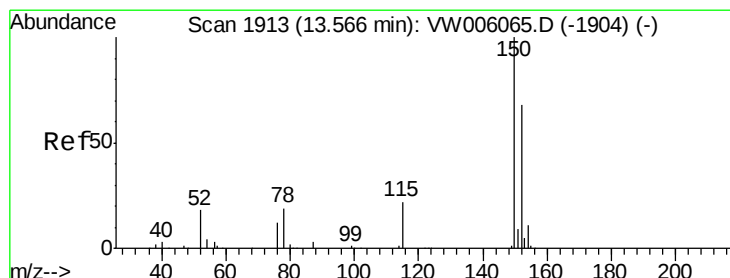
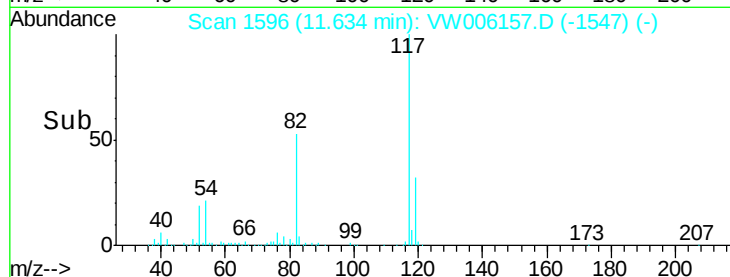
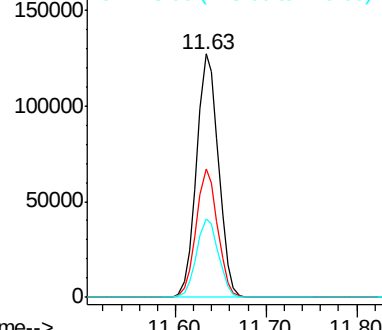
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

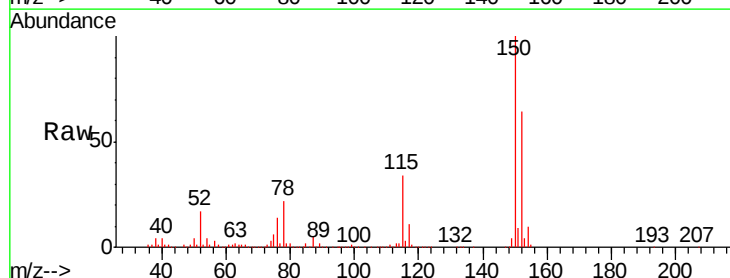
Tgt Ion:152 Resp: 89007

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

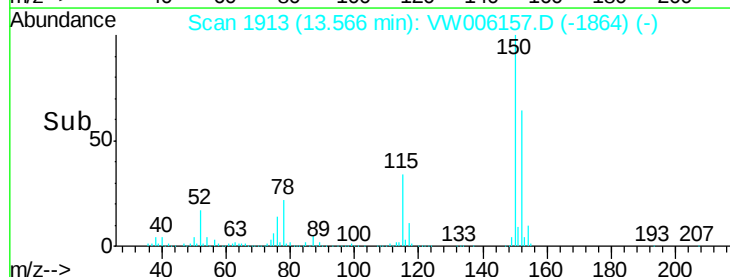
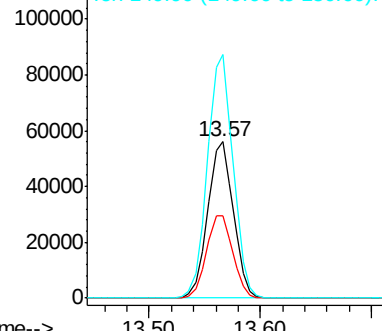
150 155.9 0.0 349.2

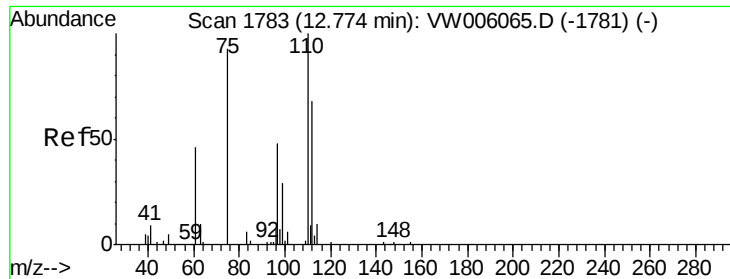


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 66.47 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

Instrument :

MSVOA_W

ClientSampled :

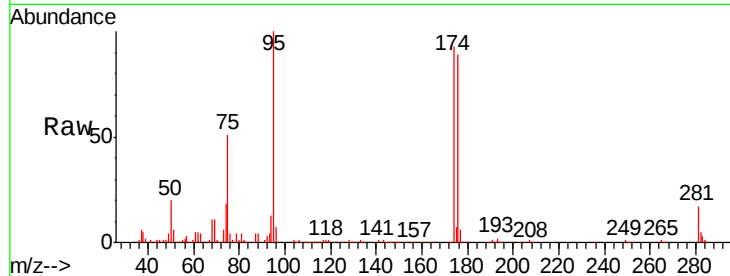
RLF-SD-1

Tgt Ion: 75 Resp: 45188

Ion Ratio Lower Upper

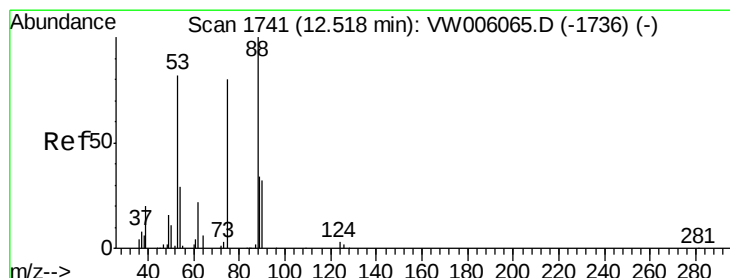
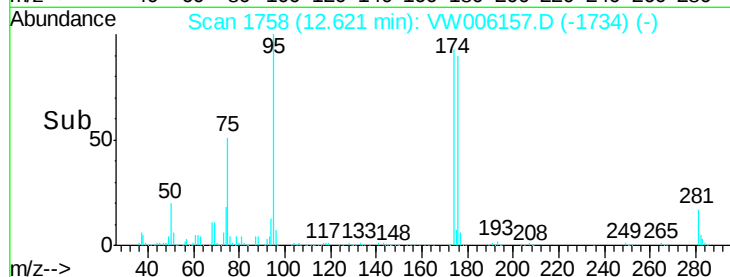
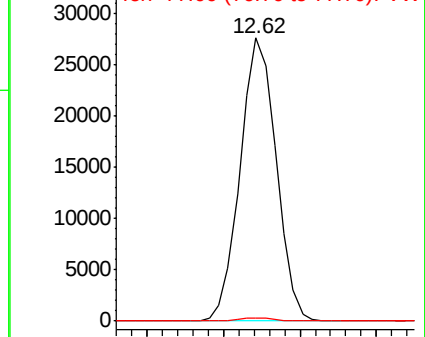
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 158.89 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006157.D

Acq: 18 Oct 2018 06:40

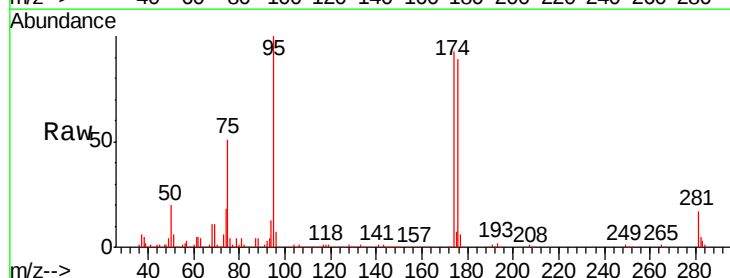
Tgt Ion: 75 Resp: 45188

Ion Ratio Lower Upper

75 100

53 0.1 79.8 119.6#

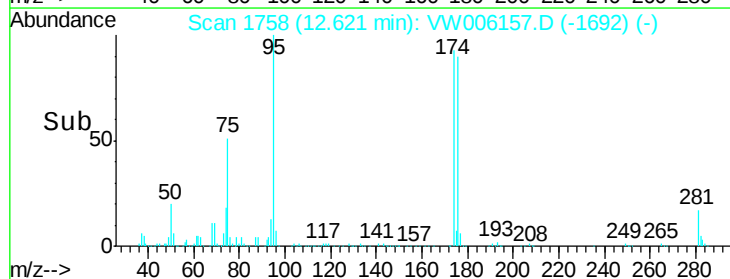
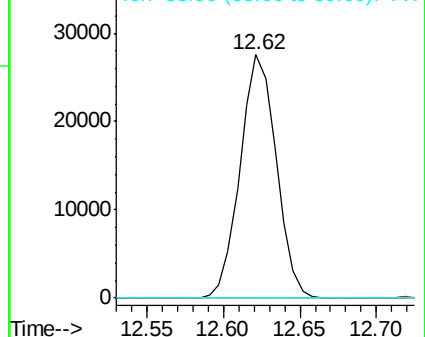
89 0.0 37.5 56.3#

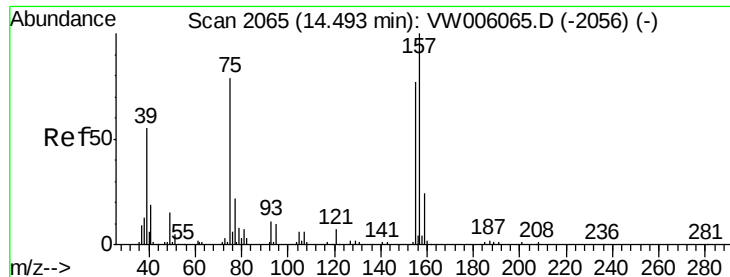


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.08 ug/l
 RT: 14.52 min Scan# 2069
 Delta R.T. 0.02 min
 Lab File: VW006157.D
 Acq: 18 Oct 2018 06:40

Instrument :
 MSVOA_W
 ClientSampleId :
 RLF-SD-1

Tgt Ion: 75 Resp: 528
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 59.8 179.4#

